





How to change rear shock absorbers on Toyota Yaris P1 – replacement guide


VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
TOYOTA YARIS (_P1_) 1.3 (NCP10_, SCP12_), TOYOTA YARIS VERSO (_P2_) 1.3 (NCP20_, NCP22_)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – TOYOTA YARIS P1. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #14
- Drive socket # 17
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Adjustable wrench
- Flat Screwdriver
- Hydraulic transmission jack
- Wheel chock

Replacement: shock absorbers – Toyota Yaris P1. AUTODOC recommends:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- Warning! Shut down the engine before starting any work – Toyota Yaris P1.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #21.

3

Raise the rear of the car and secure on supports.





Unscrew the wheel bolts.

Replacement: shock absorbers – Toyota Yaris P1. AUTODOC experts recommend:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5



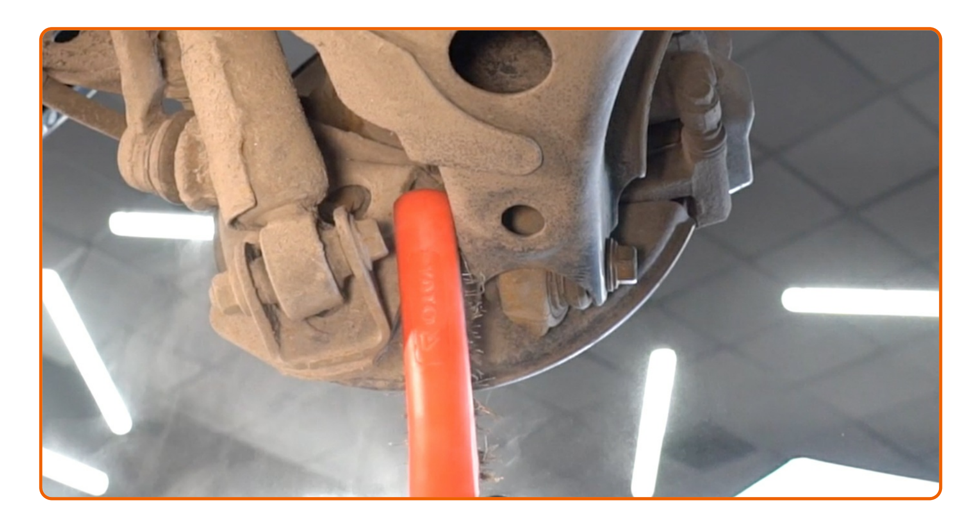
Remove the wheel.

6



Support the rear suspension beam. Use a hydraulic transmission jack.

7



Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

8



Unscrew the lower fastener of the shock absorber. Use a drive socket #17. Use a ratchet wrench.

9



Detach the lower part of the shock absorber.

10



Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: shock absorbers – Toyota Yaris P1. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

11

Lower the car.

12



Open the boot lid.

13



Remove the protective cap of the shock absorber mount. Use a flat screwdriver.

14

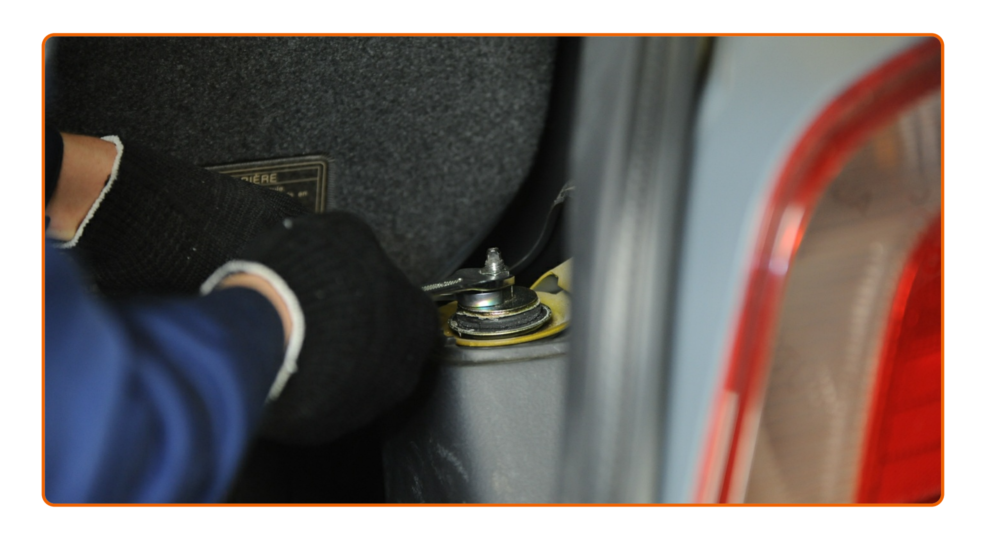


Remove the mount cap from the shock absorber upper fastener.

15

Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

16



Unscrew the upper fastener of the shock absorber. Use a combination spanner #14 (2 pieces).

Replacement: shock absorbers – Toyota Yaris P1. Tip:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

17



Remove the shock absorber.

18



Remove the shock absorber mount, boot and bump stop.



AUTODOC recommends:

- Replacement: shock absorbers – Toyota Yaris P1. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

19



Install the mount, boot and bump stop onto a new shock absorber.

20



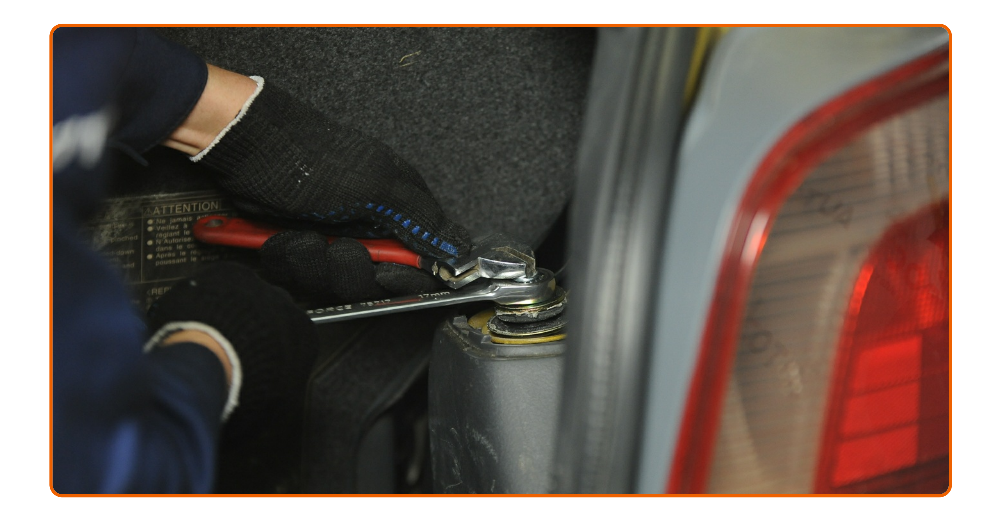
Place the shock absorber in the wheel arch and fasten it.



Replacement: shock absorbers – Toyota Yaris P1. Tip from AUTODOC experts:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

21



Tighten the top shock absorber fastening. Use a combination spanner #14 (2 pieces). Use an adjustable wrench. Use a torque wrench. Tighten it to 40 Nm torque.

22

Treat the shock absorber fasteners. Use copper grease.

23



Install the mount cap on the shock absorber upper fastener.

24



Install the protective shock absorber mounting cap.

25



Close the lid of the luggage compartment.

26

Raise the rear of the car and secure on supports.

27



Support the rear suspension beam. Use a hydraulic transmission jack.

28



Attach the lower part of the shock absorber.

29



Tighten the lower fastener of the shock absorber. Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.

30



Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Toyota Yaris P1 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

31



Treat the surface where the wheel rim contacts the brake drum. Use copper grease.

32

Clean the wheel rim mounting seat. Use a brake cleaner.

Replacement: shock absorbers – Toyota Yaris P1. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

33



Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Toyota Yaris P1

34



Screw in the wheel bolts. Use wheel impact socket #21.

35



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 120 Nm torque.

36



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

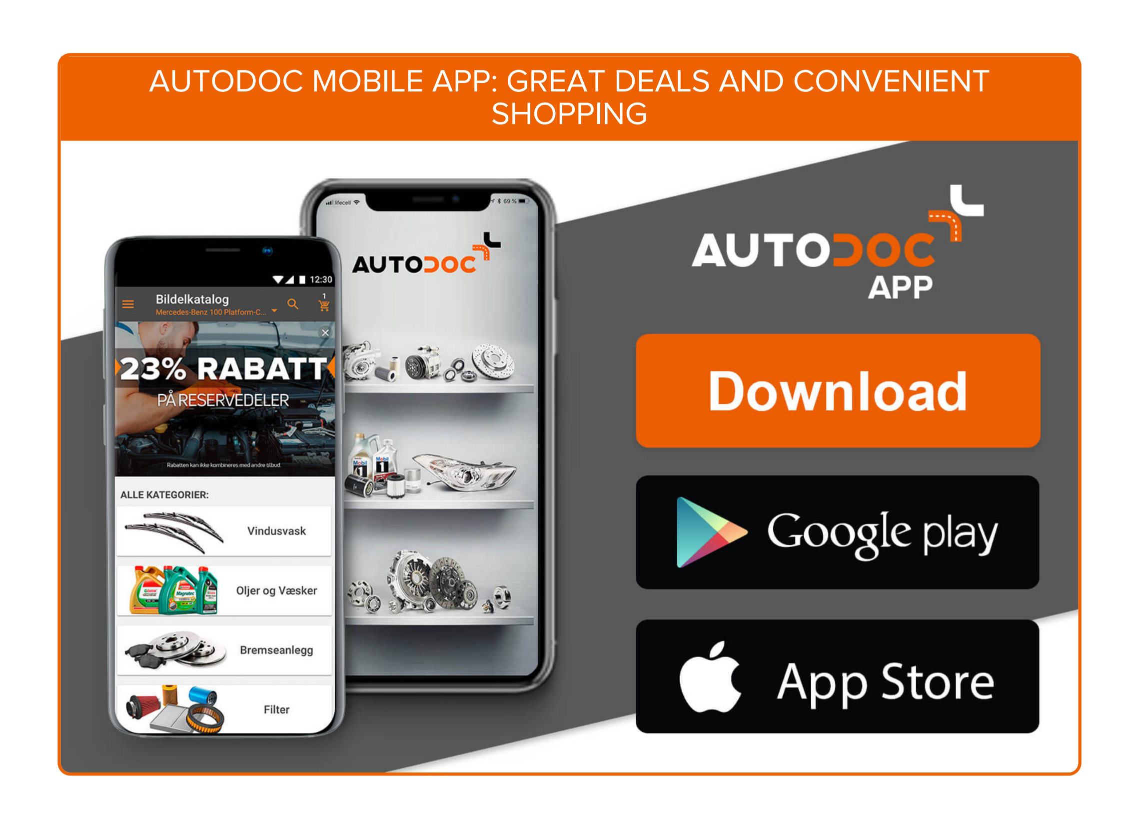
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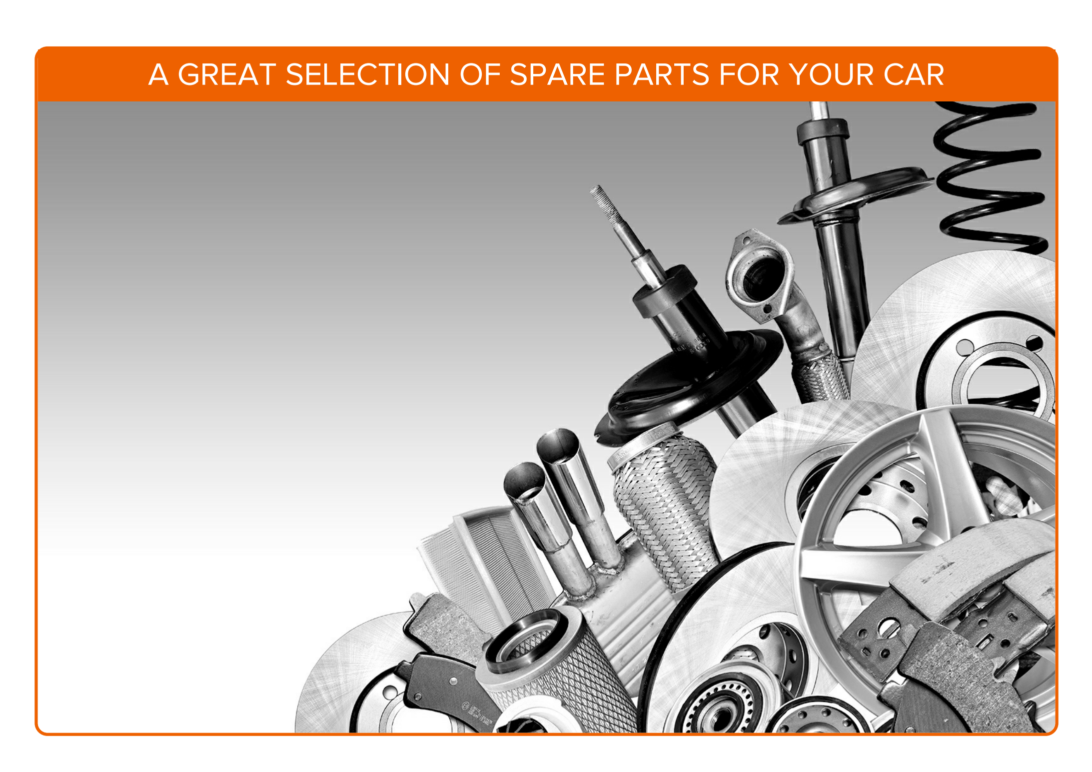
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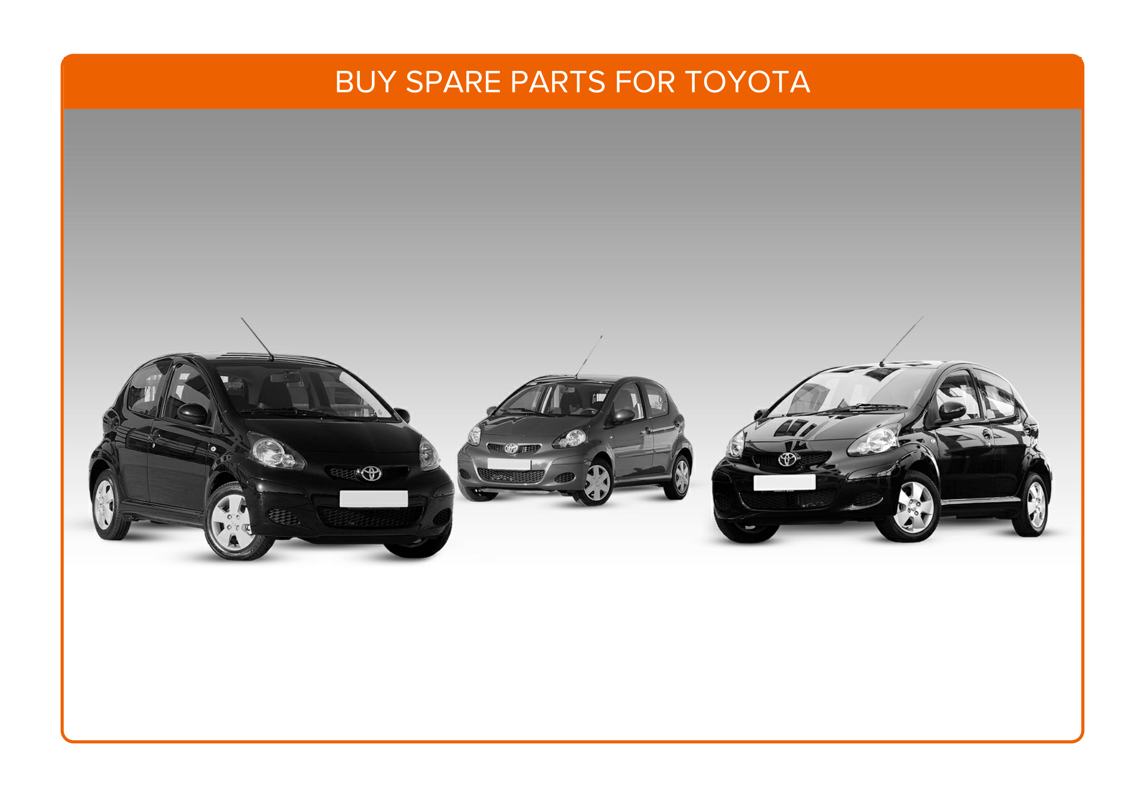


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